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FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

NOTIFICATION

The 14th March 2024

S.R.O. No. 227/2024.—Whereas Forest Block Tangapahar Reserve Forest under Section-20-A of the Indian Forest Act 1927, has been notified by Government of Odisha, Co-operation and Forest Department Notification Notification No. 11044-CF, dated the 9th June 1967 indicating an area of 179 Ac. in Hemgiri Forest Range of Sundargarh Forest Division as per Annexure-I;

And whereas, the Government of Odisha in the Forest & Environment Department have notified a "Standard Operating Procedure (SOP) for geo-referencing of Forest Block boundary through DGPS Survey" in the *Odisha Gazette* vide Notification No.22572400112016-10F(Cons.)77/2016/14097/F&E, dated the 4th July 2017, for preparation of such geo-referenced forest maps in pursuance of the directives of Hon'ble Supreme Court in their order, dated the 6th July 2011 (in IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937 in Writ Petition (C) No. 202 of 1995-Lafarge matter);

And whereas, the Government of Odisha have appointed all Tehsildars in their respective Tehsil jurisdiction in the respective Districts as Forest Settlement Officer (FSO) vide Notification No. 7767-10F(TR)38/2020/F&E, dated the 21st May 2020;

And whereas, the Forest Revenue Joint Verification Committee has jointly verified and confirmed the boundary pillar positions as per report in Annexure-II;

And whereas, the Forest Settlement Officer has certified 'No Change' in the boundary extent of Tangapahar RF post 25th October 1980. The DGPS survey boundary co-ordinates have been verified by ORSAC and certified by the Forest Settlement Officer. The computed area (UTM Zone 44N projection and WGS 84 datum) of the Tangapahar RF is 77.257 ha. or 190.91 Ac.The change in area is due to method of Survey & Area Computation.

Therefore, it has been decided to supplement the existing notification of the Tangapahar RF with the above-mentioned FSO certified DGPS surveyed Forest Block map as per Annexure-III,

and the statement of geo-co-ordinates of the Forest Block boundary pillar positions as per Annexure-IV, which shall be treated as the precise boundary description of the Tangapahar RF and shall form an integral part of the original notification in place of any other form of boundary description notified earlier.

There shall be no change to the admitted rights in the original notification.

[No. 5009-FE-DIV-MISC-0011-2016-10F-(Cons.)-34/2020-FE&CC]

By order of the Governor

SATYABRATA SAHU

Additional Chief Secretary to Government

63 Ex-Cases

Annexure-I

PART III
PAGE NO. 830

THE ORISSA GAZETTE, JUNE,30,1967
CO-OPERATION AND FORESTRY DEPTT.

NOTIFICATION.

THE 9TH J U N E, 1967.

No. 11044-CF. In persuance of Sub-Section (3) of Section 20- A of the Indian Forest Act,1927 (16 of 1927) as amended by the Orissa Amendment Act (Act 21 of 1954) in its application to the State of Orissa, the State Government do hereby certify that the documents mentioned in the S c h e d u l e hereto annexed had been prepared under the authority of the Rule of Gangapur State before the date of merger and has been under the authority of State G o v e r n - m e n t continued to be recognised, maintained and acted upon thereafter.

S C H E D U L E

1. Working Plan for the Reserve Forests of Hemgiri Zamindary (Gangapur State) 1945-46, 1964-65.

2. Gangpur Administration report 1946-47.

By order of the Governor,
Sd/- R.N.Mohanty
Secretary to Government.

As per above notification No. 11044/ C.F. dtd. 9.6.67 the forests of Hemgiri Zamindary of ~~Gangpur~~ G A N G A P U R S T A T E has been declared as Reserve Forests as per the Working Plan of R.Fs. of H é m g i r i Z a m i d a r y (GANGAPUR STATE) 1945-46 to 1964-65.

S C H E D U L E - W

Name of the Blocks.	Area in Acres.	Name of the Blocks.	Area in Acres.
Northern Range.			
Budhadungri	624	Siseopahar	1,199
Dhanuardihi	32	Satparlia	282
Dhokarpahar	184	Kalamegha	267
Balijor	1329	Kahnupahar	31
Garjanpahar (Part)	10108	Jhamtikhol	1,459
Hundarkhol	1915	Ranjisarwa	75
Giripahar	971	Sirdarmunda	162
Makarchata	910	Lalma	200
Kalatpani	1 959	Punjipahad	1,510
Ragadkhol	237	Panikhulia	410
Pandripani	507	Pandkipahd	261
Jamkani	22,252		
Southern Range.			
Dhanubans	15,398		
Garjanpahad (Part)	14,696		
Chitikikhadu	3,597		
Budlakhaman	634		
Rohini	3,028		
Dhoknapani	3,140		
Singaribahal	3,162		
Chhengapahad	2,514		
Budhadungri	159		
Tangapahar	179		
Beheramunda	119		
Ghautiachhapal	67		
Mankridungri	189		

And in Notification No. 11582/CF., dtd. 20.6.67 the forests Nagra and Hathibari (Ex-Zamindaries) Estate have been declared as Reserve Forests.

S C H E D U L E

(WORKING PLAN FOR THE R.F. OF NAGRA & HATHIBARI ESTATE)

Andhari	7,186		Lahanda	541
Ghagari	2,007		Kolighat	87
Jalangbira	486	*	Bhalutungri	90
Jhitingora (Jhitingiara)	278	*	Beruapahar	198
Kasse	252	*	Lamki	31

Annexure-II

FOREST REVENUE JOINT VERIFICATION COMMITTEE REPORT

Forest Division: Sundargarh **Forest Range:** Hemagiri

Minutes of Joint Verification:

List of participation of the Forest-Revenue joint verification committee is given at Table 1.

Joint Verification of the boundary of **Tangapahar RF** Forest Block was carried out during 07-11-2019 to 09-11-2019. Existing pillar position recorded through GPS were plotted and compared against geo-referenced cadastral maps of adjoining villages. The verified forest boundary map is enclosed at Plate-1. Findings of the verification w.r.t. revenue cadastral is given below:

- Name of notified forest block: Tangapahar RF
- Notification no. & date: 11044/ C.F. Dt. 09-06-1967
- Area as per notification: 179 Ac.
- Existing no. of boundary demarcations in conformity with adjoining village boundary: 33 nos. (Annexure -1)
- New boundary demarcations in conformity with adjoining village boundary: 18 nos. (Annexure -2)
- GPS area of verified boundary: 78.458 ha
- GPS perimeter of verified boundary: 5.298 km

Observations:

Notification is available. Available Traverse map is enclosed at Appendix-1 (area as per Division record=72.44 ha). The verified boundary shape & area matches with the Traverse map and verified area is found to be 6.018 ha, i.e. 8.31 % more than NFA. Forest boundary demarcation Pillars in Conformity with Cadastral Map, existing pillars & HRSI. All Peripheral villages have been settled before 1980. Change of area is due to old method of Survey and Area computation.

TABLE - 1

Forest and Revenue department officials(RO/FR/FG/RI/Amin) and TP involved in Joint verification of Forest Boundary		
Name	**Designation**	**Signature**
Baljit Dungdung	FRO	Hemgir Range
Samit kumar Patel	R.I	Revenue Inspector
Prakash Ch Naik	forester	Kanika
Siddheswar Sahu	CDLTP	C. Sahu

Counter Signed by :

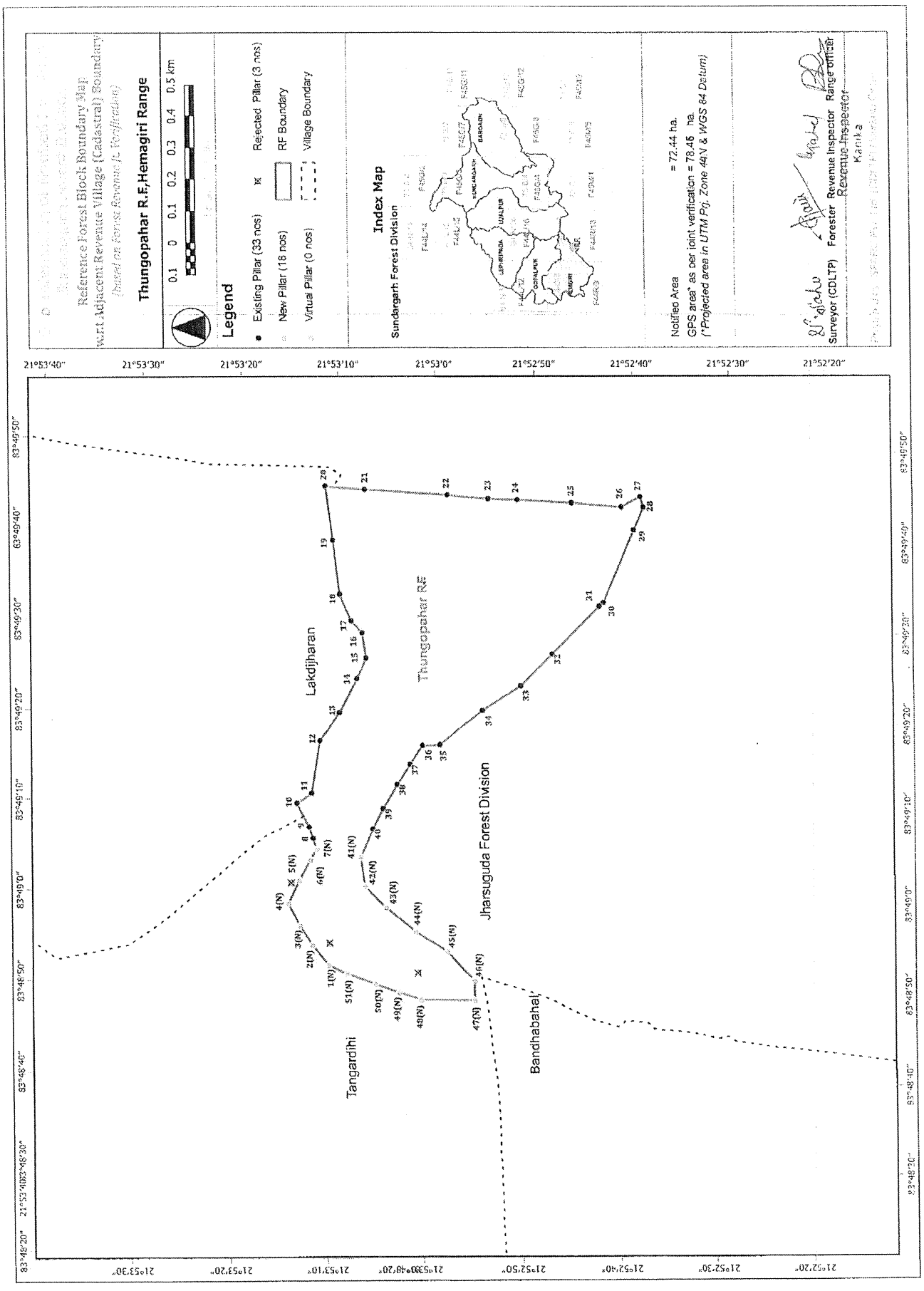
Divisional Forest Officer

Divisional Forest Officer
Sundargarh Forest Division

Tahsildar

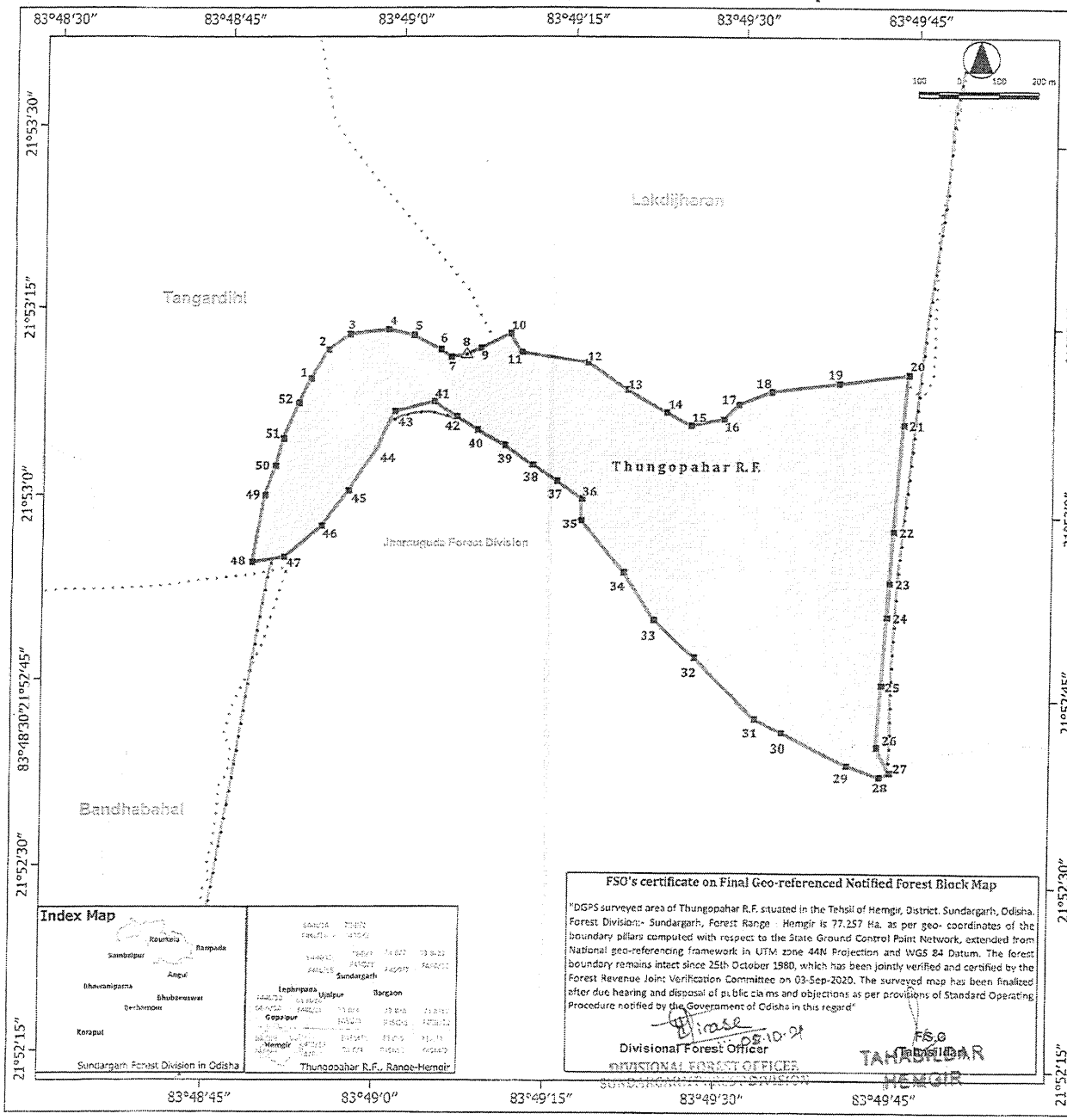
TAHASILDAR
HEMGIR

Annexure-II


Reference Forest Block Boundary Map
w.r.t. Adjacent Revenue Village (Cadastral) Boundary
(based on Forest Revenue Jt. Verification)
Thungopahar R.F,Hemagiri Range
0.1 0 0.1 0.2 0.3 0.4 0.5 km
Legend
Existing Pillar (33 nos)
Rejected Pillar (3 nos)
New Pillar (16 nos)
RF Boundary
Virtual Pillar (0 nos)
Village Boundary
Index Map
Sundargarh Forest Division
Notified Area = 72.44 ha.
GPS area* as per joint verification = 78.45 ha.
(*Projected area in UTM Prj. Zone 44N & WGS 84 Datum)
Surveyor (CDLTP)
Forester
Revenue Inspector
Range Officer
Revenue Inspector
Kanika
Lakdijharan
Thungopahar RF
Jharsuguda Forest Division
Tangardihi
Bandhabahal
21°53'40"
21°53'30"
21°53'20"
21°53'10"
21°53'0"
21°52'50"
21°52'40"
21°52'30"
21°52'20"
83°48'20"
83°48'30"
83°48'40"
83°48'50"
83°49'0"
83°49'10"
83°49'20"
83°49'30"
83°49'40"
83°49'50"

FSO Certified DGPS Surveyed Forest Block Map

Annexure-III



THUNGOPAHAR R.F.

Forest Division : SUNDARGARH, Forest Range : HEMGIE

Geo-referenced Forest Block Map based on DGPS Survey

Legend :-

- Forest Boundary Pillar / Virtual Pillar
- FPCP on Forest Boundary
- Forest Block Boundary
- Revenue Village Boundary
- Settlement
- Range Boundary
- Railway
- Major Road
- Other Road
- River / Stream / WB

Statement of Geo-coordinates of Pillar Position (UTM Zone:44N, WGS 84 Datum)

Sundargarh Forest Division, Hemgir Range

Pillar No.	Longitude	Latitude
1	83° 48' 52.699896"	21° 53' 0.176772"
2	83° 48' 54.208196"	21° 53' 12.011552"
3	83° 48' 56.069340"	21° 53' 12.298328"
4	83° 48' 59.342796"	21° 53' 13.724412"
5	83° 49' 1.548984"	21° 53' 13.350696"
6	83° 49' 3.978312"	21° 53' 12.256800"
7	83° 49' 4.924920"	21° 53' 11.662836"
8(FPCP)	83° 49' 5.192496"	21° 53' 11.487156"
9	83° 49' 7.451472"	21° 53' 12.435936"
10	83° 49' 10.033140"	21° 53' 13.673364"
11	83° 49' 11.032032"	21° 53' 12.172812"
12	83° 49' 16.607532"	21° 53' 11.457096"
13	83° 49' 20.023836"	21° 53' 9.368520"
14	83° 49' 24.034656"	21° 53' 7.651320"
15	83° 49' 26.242452"	21° 53' 6.822060"
16	83° 49' 29.263860"	21° 53' 5.596476"
17	83° 49' 30.349380"	21° 53' 5.421720"
18	83° 49' 33.166668"	21° 53' 4.492560"
19	83° 49' 39.036252"	21° 53' 10.225032"
20	83° 49' 45.060708"	21° 53' 11.065128"
21	83° 49' 44.720172"	21° 53' 7.074348"
22	83° 49' 44.147532"	21° 52' 50.805828"
23	83° 49' 44.069544"	21° 52' 49.272120"
24	83° 49' 43.884624"	21° 52' 47.476068"
25	83° 49' 43.601880"	21° 52' 45.940800"
26	83° 49' 43.345164"	21° 52' 40.884996"
27	83° 49' 44.331264"	21° 52' 38.866800"
28	83° 49' 45.670548"	21° 52' 38.492040"
29	83° 49' 46.759308"	21° 52' 39.536748"
30	83° 49' 34.982616"	21° 52' 41.068848"
31	83° 49' 32.606256"	21° 52' 42.944088"
32	83° 49' 27.156888"	21° 52' 47.898516"
33	83° 49' 23.495088"	21° 52' 50.819484"
34	83° 49' 20.729160"	21° 52' 54.615648"
35	83° 49' 16.858424"	21° 52' 56.885152"
36	83° 49' 16.834668"	21° 53' 0.415200"
37	83° 49' 14.583840"	21° 53' 1.996908"
38	83° 49' 12.282348"	21° 53' 3.229476"
39	83° 49' 9.764028"	21° 53' 4.729296"
40	83° 49' 7.286748"	21° 53' 5.667124"
41	83° 49' 3.858828"	21° 53' 8.074968"
42	83° 49' 5.535816"	21° 53' 6.909504"
43	83° 49' 6.229548"	21° 53' 7.196640"
44	83° 48' 59.630868"	21° 53' 5.200068"
45	83° 48' 59.310228"	21° 53' 0.836628"
46	83° 48' 54.066828"	21° 52' 57.865188"
47	83° 48' 50.862636"	21° 52' 55.254216"
48	83° 48' 48.058668"	21° 52' 54.042768"
49	83° 48' 48.987948"	21° 53' 0.305148"
50	83° 48' 49.033344"	21° 53' 2.447556"
51	83° 48' 50.471892"	21° 53' 4.833924"
52	83° 48' 51.691356"	21° 53' 7.701360"

Differential GPS Surveyed area= 77.257 Ha.

FSO's certificate on Final Geo-referenced Notified Forest Block Map

"DGPS surveyed area of Thungopahar R.F. situated in the Tehsil of Hemgir, District. Sundargarh, Odisha. Forest Division:- Sundargarh, Forest Range :- Hemgir is 77.257 Ha. as per geo- coordinates of the boundary pillars computed with respect to the State Ground Control Point Network, extended from National geo-referencing framework in UTM zone 44N Projection and WGS 84 Datum. The forest boundary remains intact since 25th October 1980, which has been jointly verified and certified by the Forest Revenue Joint Verification Committee on 03-Sep-2020. The surveyed map has been finalized after due hearing and disposal of public claims and objections as per provisions of Standard Operating Procedure notified by the Government of Odisha in this regard"

Divisional Forest Officer

FSO

Tahasildar

HEMGIR

DIVISIONAL FOREST OFFICER SUNDARGARH FOREST DIVISION

Index Map

Note:-

1. The pillar locations area as per joint field verification and certification by the Forest - Revenue Joint Verification Committe (FRJVC) on 03-Sep-2020.

2. Above DGPS Coordinates are with respect to Forest Primary Control Point (FPCP) located at central nursery, Ujalpur Range office (FPCP Code: SNG-06-008)

Annexure-IV

STATEMENT OF GEO-COORDINATES OF PILLAR POSITIONS

Forest Division: **Sundargarh** Forest Range : **Hemgir** Forest Block Name: **Tangapahar RF**

Ground Control Point (GCP) References. (All coordinates in WGS84 datum & UTM Zone 44N projection)

GCP Type	GCP Location	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
FPCP	Hemagiri Range Office	21°52'45.540408"	83°44'21.576516"	21.87931678	83.73932681
FSCP1	Tangapahar RF , Pillar No- 8	21°53'11.887116"	83°49'6.192696"	21.88663531	83.81838686

Geo-coordinates of Boundary Pillar Position (Total: 52 nos.)

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
1	21°53'9.619872"	83°48'52.699896"	21.88600552	83.81463886
2	21°53'12.011532"	83°48'54.200196"	21.88666987	83.81505561
3	21°53'13.295328"	83°48'56.009340"	21.88702648	83.81555815
4	21°53'13.724412"	83°48'59.342796"	21.88714567	83.81648411
5	21°53'13.350696"	83°49'1.548984"	21.88704186	83.81709694
6	21°53'12.256008"	83°49'3.978912"	21.88673778	83.81777192
7	21°53'11.662836"	83°49'4.924920"	21.88657301	83.81803470
8	21°53'11.887116"	83°49'6.192696"	21.88663531	83.81838686
9	21°53'12.435936"	83°49'7.451472"	21.88678776	83.81873652
10	21°53'13.673364"	83°49'10.033140"	21.88713149	83.81945365
11	21°53'12.172812"	83°49'11.032932"	21.88671467	83.81973137
12	21°53'11.457096"	83°49'16.970592"	21.88651586	83.82138072
13	21°53'9.368520"	83°49'20.523828"	21.88593570	83.82236773
14	21°53'7.651320"	83°49'24.034836"	21.88545870	83.82334301
15	21°53'6.622080"	83°49'26.242392"	21.88517280	83.82395622
16	21°53'7.196676"	83°49'29.105940"	21.88533241	83.82475165
17	21°53'8.431728"	83°49'30.349380"	21.88567548	83.82509705
18	21°53'9.492360"	83°49'33.166668"	21.88597010	83.82587963
19	21°53'10.252032"	83°49'39.038232"	21.88618112	83.82751062
20	21°53'11.065128"	83°49'45.060708"	21.88640698	83.82918353
21	21°53'7.074348"	83°49'44.750172"	21.88529843	83.82909727
22	21°52'58.505628"	83°49'44.197536"	21.88291823	83.82894376
23	21°52'54.272136"	83°49'44.009544"	21.88174226	83.82889154
24	21°52'51.476268"	83°49'43.884624"	21.88096563	83.82885684
25	21°52'45.940800"	83°49'43.601880"	21.87942800	83.82877830
26	21°52'40.884996"	83°49'43.345164"	21.87802361	83.82870699
27	21°52'38.866800"	83°49'44.524164"	21.87746300	83.82903449
28	21°52'38.492040"	83°49'43.676544"	21.87735890	83.82879904
29	21°52'39.368748"	83°49'40.769508"	21.87760243	83.82799153
30	21°52'41.868840"	83°49'34.982616"	21.87829690	83.82638406
31	21°52'42.944088"	83°49'32.606256"	21.87859558	83.82572396
32	21°52'47.898516"	83°49'27.158808"	21.87997181	83.82421078
33	21°52'50.819484"	83°49'23.495088"	21.88078319	83.82319308
34	21°52'54.651864"	83°49'20.729100"	21.88184774	83.82242475

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
35	21°52'58.855152"	83°49'16.850424"	21.88301532	83.82134734
36	21°53'0.615300"	83°49'16.834800"	21.88350425	83.82134300
37	21°53'1.996908"	83°49'14.583360"	21.88388803	83.82071760
38	21°53'3.229476"	83°49'12.282168"	21.88423041	83.82007838
39	21°53'4.729200"	83°49'9.794820"	21.88464700	83.81938745
40	21°53'5.867124"	83°49'7.386744"	21.88496309	83.81871854
41	21°53'8.074968"	83°49'3.558828"	21.88557638	83.81765523
42	21°53'6.909504"	83°49'5.535840"	21.88525264	83.81820440
43	21°53'7.194840"	83°49'0.129540"	21.88533190	83.81670265
44	21°53'4.200000"	83°48'58.680000"	21.88450000	83.81630000
45	21°53'0.836520"	83°48'56.310228"	21.88356570	83.81564173
46	21°52'57.885168"	83°48'54.065628"	21.88274588	83.81501823
47	21°52'55.254216"	83°48'50.862636"	21.88201506	83.81412851
48	21°52'54.762708"	83°48'48.058668"	21.88187853	83.81334963
49	21°53'0.305340"	83°48'48.981960"	21.88341815	83.81360610
50	21°53'2.647536"	83°48'49.833144"	21.88406876	83.81384254
51	21°53'4.833024"	83°48'50.471892"	21.88467584	83.81401997
52	21°53'7.701360"	83°48'51.691356"	21.88547260	83.81435871

*** END of Statement***

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